

=====

Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Mon May 21 14:19:56 EDT 2007

=====

Reviewer Comments:

<210> 1

<211> 660

<212> DNA

<213> Homo Sapiens Keratin 5

<400> 1

Invalid Response for <213>, It should have only Artificial, Unknown or Genus species. This type of error is all through the sequences.

Application No: 10712629 Version No: 6.0

Input Set:

Output Set:

Started: 2007-05-17 19:43:02.035
Finished: 2007-05-17 19:43:02.403
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 368 ms
Total Warnings: 0
Total Errors: 0
No. of SeqIDs Defined: 20
Actual SeqID Count: 20

SEQUENCE LISTING

<110> The Procter & Gamble Company

<120> Composition for Comprising a Mouse HRt Protein-Human Interacting Partner Protein Complex (Revised)

<130> 9423

<140> 10712629

<141> 2003-11-13

<150> 10/712,629

<151> 2003-11-13

<160> 20

<170> PatentIn version 3.3

<210> 1

<211> 660

<212> DNA

<213> Homo Sapiens Keratin 5

<400> 1

gcctcctgg aggtatccaa gaggtcactg tcaaccagag tctcctgact cccctaacc 60

tgcaaatcga ccccagcatc cagagggtga ggaccgagga ggcgcgacgatcaagaccc 120

tcaacaataa gtttgctcc ttcatcgaca aggtgcggtt cctggagcag cagaacaagg 180

ttctggacac caagtggacc ctgctgcagg agcagggcac caagaccgtg aggcagaacc 240

tggagccgtt gttcgagcag tacatcaaca acctcaggag gcagctggac agcatcgtgg 300

ggaaacgggg ccgcctggac tcagagctaa gaaacatgca ggacctggtg gaagacttca 360

agaacaagta tgaggatgaa atcaacaagg gtaccactgc tgagaatgag tttgtatgc 420

tgaagaagga tgttagatgct gcctacatga acaagggtgga gctggaggcc aaggtttagt 480

cactgatgga tgagattaac ttcatgaaga ttttcttgc tgccggagctg tcccatgc 540

agacgcattt ctctgacacc tcagtggtcc tctccatgga caacaaccgc aacctggacc 600

tggatagcat catcgctgag gtcaaggccc agtatgagga gattgccaac cgccagccgga 660

<210> 2

<211> 746

<212> DNA

<213> Homo sapiens Ubiquitous Receptor

<400> 2

aagattcgga aacagcagca gcaggagtca cagtcacagt cgccgtcacc tggggggccg 60

cagggcagca gcagctcagc ctctgggcct ggggcttccc ctgggtggatc tgaggcaggc 120

agccagggct ccggggaagg cgagggtgtc cagctaacag cggtcaaga actaatgatc 180
cagcagttgg tggcgcccc aactgcagtgc aacaaacgct ccttctccga ccagccaaa 240
gtcacgccc ggccccctggg cgccagacccc cagtcccgag atgcccggca gcaacgctt 300
gcccaacctca cggagctggc catcatctca gtccaggaga tcgtggactt cgctaagcaa 360
gtgcctgggtt tcctgcagct gggccgggag gaccagatcg ccctcctgaa ggcatccact 420
atcgagatca tgctgctaga gacagccagg cgctacaacc acgagacaga gtgtatcacc 480
ttcttgagga cttcacctac agcaaggaggc acttccaccg tgccaggcctg caggtggagt 540
tcatcaaccc catcttcgag ttctcgccgg ccatgcggcg gctgggcctg gacgacgctg 600
agtacgccc gctcatcgcc atcaacatct tctcgccga cggcccaac gtgcaggagc 660
cggggccgcgt ggaggcggtt cagcagccct acgtggaggc gctgctgtcc tacacgcgca 720
tcaagaggcc gcaggaccag ctgcgc 746

<210> 3
<211> 705
<212> DNA
<213> Homo Sapiens Protein Inhibitor of Activated STAT-1

<400> 3
gcggaactaa agcaaatgg tatgagcctt agagttctg aactccaagt actgttgggc 60
tacgccccggaa gaaacaagca cggacgcaaa cacgaacttc tcacaaaagc cctgcatttg 120
ctaaaggctg gctgttagtcc tgctgtcaa atgaaaatta aggaactcta taggcggcg 180
ttccccacaga aaatcatgac gcctgcagac ttgtccatcc ccaacgtaca ttcaagtcc 240
atgccagcaa ctttgtctcc atctaccatt ccacaactca cttacgatgg tcaccctgca 300
tcatcgccat tactccctgt ttctcttctg ggacctaaac atgaactgga actcccacat 360
cttacatcag ctcttcaccc agtccatccg gatataaaac ttcaaaaatt accattttat 420
gatttactgg atgaactgat aaaacccacc agtctagcat cagacaacag tcagcgctt 480
cgagaaacct gtttgcatt tgccctgaca ccacaacaag tgccagcaat cagtagtcc 540
atggatattt ctgggaccaa atgtgacttc acagtacagg tccagttaaag gtttgttta 600
tcagaaaccca gttgtccaca agaagatcac ttcccacccaa atctttgtgt gaaagtgaat 660
acaaaaacctt gcagccttcc aggttacctt ccacctacaa aaaaat 705

<210> 4
<211> 792

<212> DNA

<213> Homo Sapiens Similar to Stromal Antigen 2

<400> 4

gagagtgctc tgattgaaat aatgcgttgt accattagac aagcggctga atgtcatcct	60
cccggtggaa gagggacagg aaaaagggtg cttacagcaa aggagaagaa gacacagttg	120
gatgatagga caaaaatcac tgagctttt gccgtggccc ttccctcagtt attagcaaaa	180
tactctgttag atgcagaaaa ggtgactaac ttgttgcaagt tgcctcagta ctggatttg	240
gaaatatata ccactggacg attagaaaaag catttggatg ctttattgcg acagatccgg	300
aatattgttag agaagcacac agatacagat gttttggaag catgttctaa aacttaccat	360
gcactctgtta atgaagagtt cacaatcttc aacagagtag atatttcaag aagtcaactg	420
atagatgaat tggcagataa atttaaccgg cttcttgaag attttctgca agagggtgaa	480
gaacctgatg aagatgatgc atatcaggtt ttgtcaacat tgaagaggat cactgcttt	540
cataatgccccc atgacccccc aaagtggat ttatggctt gtaattacaa actcttggaaa	600
actggaaatcg aaaatggaga catgcctgag cagattgtta ttccacgcact gcagtgtaact	660
cactatgtaa tccttggca acttgcttaag ataactgaaa gcagctctac aaaggaggac	720
ttgctgcgtt taaagaaaaca aatgagagta ttttgcaga tatgtcaaca ttacctgacc	780
aacgtgaata ct	792

<210> 5

<211> 747

<212> DNA

<213> Homo Sapiens Nucleoporin 160 Kda

<400> 5

actgaagcag gtgatgactg gaaaagtca gctactctaa ggacatgtat tttcaaacat	60
catttggatt tgggtcacaa tagccaagca tatgaagcct taacccaaat tcctgattcc	120
agcaggcaat tagattgttt acggcagttt gtggtagttc tttgtgaacg ctcacagcta	180
caggatctt tagagttcc ctatgtaat ctgcataatg aggttgtgg aataatttag	240
tcacgtgcta gagctgtgga ctttatgact cacaattact atgaacttct gtatgcctt	300
cacatctatc gccacaatta ccgcaaggct ggcacagtga tggttgcgtt tggaatgcgg	360
cttggcagag aagttcaac tctccggggc cttgagaaac aaggcaactg ttatctggct	420
gctctcaatt gtttacgact tattcgtcca gaatatgcgt ggattgtgca gccagtgtct	480
ggtgcaagtgt atgatcgccc tggagcatcc cctaagagga atcatgatgg agaatgcaca	540

gctgccccca caaatcgaca aattgaaatc ctggactgg aagatctgga gaaagagtgt 600
tccttggctc gcatccgcct cactttggct cagcatgatc catcagcggt tgcagttgct 660
ggaagttcat cagcagagga aatggtcact ctcttggttc aggccggcct ctttgacact 720
gccatatcac tctgtcagac tttaag 747

<210> 6
<211> 683
<212> DNA
<213> Homo Sapiens Retinoic Acid Receptor Gamma-1

<400> 6
cctgacccag tatgtagaag ccagtctctg caggcggcca gcgggacttt tggaggccca 60
gtgggcaggc caggcaggc gggtaacggag cctcccaggc tggggcagtg ggcatggca 120
ggggctgtgg ctgaagacct cgcccgccca ctgcagaccc caggggactc tcacaccgca 180
gctgccatgg ccaccaataa ggagcgactc tttgcggctg gtgccctggg gcctggatct 240
ggctacccag gggcaggttt ccccttcgccc ttcccagggg cactcagggg gtctccgcct 300
ttcgagatgc tgagccctag cttccggggc ctgggcagc ctgacctccc caaggagatg 360
gcctctctgt cggtgagac acagagcacc agtcagagg agatggtgcc cagtcgccc 420
tcgccccctc cgcctctcg ggtctacaag ccatgcttcg tgtcaatga caagtcctct 480
ggctaccact atggggtcag ctttgtgaa ggctgcaagg gcttcttcg ccgaagcatc 540
cagaagaaca tggtgtacac gtgtcaccgc gacaaaaact gtatcatcaa caaggtgacc 600
aggaatcgct gccagtaactg ccggctacag aagtgcctcg aagtggcat gtccaaggaa 660
gctgtgcgaa atgaccggaa caa 683

<210> 7
<211> 744
<212> DNA
<213> Homo Sapiens Thyroid Hormone Receptor Alpha

<400> 7
gtggagtggt ggtcagaccc agaggagaac agtgccaggt caccagatgg aaagcgaaaa 60
agaaaagaacg gccaatgttc cctgaaaacc agcatgtcag ggtatatccc tagttacctg 120
gacaaagacg agcagtgtgt cgtgtgtgg gacaaggcaa ctggtatca ctaccgctgt 180
atcaacttgtg agggctgcaa gggcttctt cggccacaa tccagaagaa cctccatccc 240
acctattcct gcaaataatga cagctgctgt gtcattgaca agatcacccg caatcaatgc 300
cagctgtgcc gcttcaagaa gtgcattcgcc gtgggcattgg ccatggactt ggttcttagat 360

gactcgaagc gggtgccaa gcgttaagctg attgagcaga accgggagcg gcggcgaaag 420
gaggagatga tccgatcaact gcagcagcga ccagagccca ctccctgaaga gtgggatctg 480
atccacattg ccacagaggc ccatcgccgc accaatgccca agggcagcca ttggaaacag 540
aggcggaaat tcctgcccga tgacattggc cagtcacccca ttgtctccat gccggacgga 600
gacaagggtgg accttggaaagc ctccagcggag tttaccaaga tcatcaccccc ggccatcacc 660
cgtgtggtgg actttggccaa aaaactgccc atgttctccg agctgccttg cgaagaccag 720
atcatcctcc tgaagggggtg ctgc 744

<210> 8
<211> 719
<212> DNA
<213> Homo sapiens Annexin A1

<400> 8
gcacagcgtc aacagatcaa agcagcatat ctccaggaaa cagggaaagcc cctggatgaa 60
acactgaaga aagcccttac aggtcacctt gaggaggttg ttttagctct gctaaaaact 120
ccagcgcaat ttgatgctga tgaacttcgt gctgccatga agggccttgg aactgatgaa 180
gatactctaa ttgagattt ggcataaga actaacaag aaatcagaga cattaacagg 240
gtctacagag aggaactgaa gagagatctg gccaaagaca taacctcaga cacatctgga 300
gattttcgga acgctttgct ttctcttgct aagggtgacc gatctgagga ctttggtgtg 360
aatgaagact tggctgattc agatgccagg gccttgtatg aagcaggaga aaggagaaag 420
gggacagacg taaacgtgtt caataccatc cttaccacca gaagctatcc acaacttcgc 480
agagtgtttc agaaatacac caagtacagt aagcatgaca tgaacaaagt tctggacctg 540
gagttgaaag gtgacattga gaaatgcctc acagctatcg tgaagtgcgc cacaagcaaa 600
ccagctttct ttgcagagaa gcttcatcaa gccatgaaag gtgttggAAC tcGCCATAAG 660
gcattgatca ggattatggt ttcccgttct gaaattgaca tgaatgatata caaaggatt 719

<210> 9
<211> 323
<212> DNA
<213> Homo sapiens HIC Protein Isoform P32 and Isoform 40

<400> 9
aagccctcgc tccccggccccc gtggggccgc agcgcgtggc cgaggcgggc ggccggccaggc 60
tgggctccac agcccaggga aaatgtgata aagacaatac tgagaaagat ataactcaag 120

ctaccaatag ccacttcaca catggagaga tgcaagacca gtccatttg ggaaatcctt 180
cggatggtga actcattaga acccaacctc agcgcttgcc tcagcttcag acttcagcac 240
aggtgccaag tggtgaggaa ataggcaaga taaagaacgg ccacacaggt ctgagcaatg 300
gaaatggaat tcaccacggg gcc 323

<210> 10
<211> 610
<212> DNA
<213> Homo Sapiens Insulin-like Growth Factor Binding Domain Protein 6

<400> 10
ccaggaggcg cttggcgcg gtgcccaggc tgcccccaag ggggtgcaggc gggttgtcca 60
gggggctgctg tggaggagga ggatgggggg tcgcccagccg agggctgcgc ggaagctgag 120
ggctgtctca ggagggagggg gcaggagtgc ggggtctaca cccctaactg cgccccagga 180
ctgcagtgcc atccgcccaa ggacgacgag ggcgccttgc gggcgctgct gctcggccga 240
ggccgctgcc ttccggcccg cgccgcctgct gttgcagagg agaattctaa ggagagtaaa 300
ccccaaagcag gcactgccccg cccacaggat gtgaaccgca gagaccaaca gaggaatcca 360
ggcacctcta ccacgcccctc ccagcccaat tctgcgggtg tccaagacac tgagatggc 420
ccatgccgtt gacatctgga ctcaagtgcgt cagcaactcc agactgaggt ctaccgaggg 480
gctcaaacac tctacgtgcc caatttgtac catcgaggct tctaccggaa gcccgcgtgc 540
cgctccccc aggggcagcg ccgagggtccc tgctgggtgtg tggatcggat gggcaagtcc 600
ctgccagggt 610

<210> 11
<211> 718
<212> DNA
<213> Homo sapiens Inner Membrane Protein, Mitochondrial

<400> 11
aaacccacac ctgcactttc agaagaagca tcctcatctt ctataaggga gcgaccacct 60
gaagaagttt cagctcgccct tgcacaacag gaaaaacaag aacaagttaa aattgagtct 120
ctagccaaga gcttagaaga tgctctgagg caaactgcaa gtgtcactct gcaggctatt 180
gcagctcaga atgctcggtt ccaggctgtc aatgcacact ccaacatatt gaaagccccc 240
atggacaatt ctgagattgc aggcgagaag aaatctgctc agtggcgcac agtggagggt 300
gcattgaagg aacgcagaaa ggcagtagat gaagctgccc atgccttct caaagccaaa 360
gaagagttt tag agaagatgaa aagtgtgatt gaaaatgcaa agaaaaaaaaga gtttgctgg 420

gccaaggcctc atataactgc tgcagagggt aaacttcaca acatgatagt tgatctggat 480
aatgtggtca aaaagggtcca agcagctcg tctgaggcta aggttgtatc tcagtatcat 540
gagctggtgg tccaaagctcg ggatgacttt aaacgagagc tggacagtt tactccagaa 600
gtccttcctg ggtggaaagg aatgagtgtt tcagacttag ctgacaagct ctctactgat 660
gatctgaact ccctcattgc tcatgcacat cgtcgtattt atcagctgaa cagagagc 718

<210> 12
<211> 720
<212> DNA
<213> Homo Sapiens Endoplasmic reticulum thioredoxin superfamily member

<400> 12
ggaccgtctg ctgggactcc ggccctgcgt ccgcgtcagcc ccgtggcccc gcgcacctac 60
tgccatggag acgcggcctc gtctcggggc cacctgtttt ctgggcttca gtttctgct 120
cctcgatc tttctgtatg gacataatgg gcttggaaag gttttggag atcatattca 180
ttggaggaca ctggaagatg ggaagaaaaga agcagctgcc agtggactgc ccctgtatgg 240
gattattcat aaatcctgggt gtggagcttg caaagctcta aagcccaaatt ttgcagaatc 300
tacggaaatt tcagaactct cccataattt tggttatggta aatcttgagg atgaagagga 360
acccaaagat gaagattca gccctgacgg gggttatatt ccacgaatcc tttttctgga 420
tcccagtggc aaggtgcattt ctgaaatcat caatgagaat gggaaacccca gctacaagta 480
tttttatgtc agtgccgagc aagttgttca gggatgaag gaagctcagg aaaggctgac 540
gggtgatgcc ttccagaaaga aacatcttga agatgaattt taacatgaat gtgccttc 600
tttcatcaga gtttagtgttc tggaaaggaaa gcagcaggaa agggatatt gaggaatcat 660
ctagaacaat taagccgacc agggaaacccctt attcctaccc acactggaaag gagcgctctc 720

<210> 13
<211> 779
<212> DNA
<213> Homo Sapiens Protein Inhibitor of Activated STAT-3

<400> 13
cctgtaggct cccctggtcc tctagctccc attccccaa cgctgttggc ccctggcacc 60
ctgctgggcc ccaagcgtga ggtggacatg caccggccctc tgcccccagcc tgtgcacccct 120
gatgtcacca tgaaaccatt gcccttctat gaagtctatg gggagctcat cggggccacc 180
acccttgcat ccacttctag ccagcggttt gaggaagcgc actttacctt tgccctcaca 240

ccccagcaag tgcagcagat tcttacatcc agagagggtc tgccaggagc caaatgtgat 300
tataccatac aggtgcagct aaggttctgt ctctgtgaga ccagctgccc ccaggaagat 360
tattttcccc ccaacctctt tgtcaaggtc aatgggaaac tgtgccccct gccgggttac 420
cttcccccaa ccaagaatgg ggccgagccc aagaggccc gcccggccat caacatcaca 480
ccccctggctc gactctcagc cactgttccc aacaccattg tggtaattt gtcatctgag 540
ttcggacgga attactcctt gtctgtgtac ctggtgaggc agttgactgc aggaaccctt 600
ctacaaaaac tcagagcaaa gggtatccgg aacccagacc actcgccggc actgatcaag 660
gagaaattga ctgctgaccc tgacagttagt gtggccacta caagtctccg ggtgtcactc 720
atgtgcccgc taggaaagat gcgcctgact gtccctgtc gtgcctcac ctgcgccc 779

<210> 14
<211> 738
<212> DNA
<213> Homo Sapiens DEAD box polypeptide 3

<400> 14
ggcgaggcct tgagggccat gaaggaaaaat ggaaggatag ggccggccaa acaataccca 60
atctccttgg tattagcacc aacgagagag ttggcagttac agatctacga ggaagccaga 120
aaattttcat accgatctag agttcgctct tgcgtggttt atggtggtgc cgatatttgt 180
cagcagattc gagacttgga acgtggatgc catttggtag tagccactcc aggacgtcta 240
gtggatatga tggaaagagg aaagatttggaa tttagactttt gcaaatactt ggtgttagat 300
gaagctgatc ggatgttgga tatggggttt gagcctcaga ttcgtagaat agtcgaacaa 360
gatactatgc ctccaaagggt tgccggccac actatgtatgt tttagtgcata ttttccataag 420
gaaatacaga tgctggctcg tgatttctta gatgaatata tcttcttggc tggtaggaaga 480
gttggctcta cctctgaaaaa catcacacag aaagttagttt gggtggaaaga atcagacaaa 540
cggtcatttc tgcttgaccc cctaaatgca acaggcaagg attcaactgac ctttagtgttt 600
gtggagacca aaaagggtgc agattctctg gaggattct tataccatga aggatacgca 660
tgttaccagca tccatggaga ccgttctcag agggatagag aagaggccct tcaccagttc 720
cgctcaggaa aaagccca 738

<210> 15
<211> 450
<212> DNA
<213> Homo Sapiens Dpy-30 Like Protein

<400> 15
gaaaatcctc actctgagta cggtctcaca gacaacgttg agagaatagt agaaaatgag 60

aagattaatg cagaaaagtc atcaaaggcag aaggttagatc tccagtcctt gccaaactcgt 120

gcctacctgg atcagacagt tgtgcctatc ttattacagg gacttgctgt gcttgcaaag 180

gaaagaccac caaatcccat tgaattcta gcatcttatac tttaaaaaaaaa caaggcacag 240

tttgaagatc gaaactgact taatgggaag aacagaaaaaa ttttagttgct actgttagatt 300

tacatgatta agaggcagct ttaattgcca tgatcattcc ctcttttgg atgtataaga 360

accttccgga caacagaccc tatttctgga attgcagaag ataacatatt tcccttattt 420

tgatttaatc accataaacc ataccttattt 450

<210> 16
<211> 1269
<212> DNA
<213> Mus Musculus Vitamin D Receptor

<400> 16
atggaggcaa tggcagccag cacccctcg cctgaccctg gtgactttga ccggaatgtg 60

cctcgatatct gtggagtgtg tggagaccga gccacggct tccacttcaa cgctatgacc 120

tgtgaaggct gcaagggttt cttcaggcgg agcatgaagc gcaaggccct gttcacctgc 180

cccttcaatg gagattgccg catcaccaag gacaaccggc gacactgcca ggcctgccgg 240

ctcaaacgct gcgtggacat tggcatgatg aaggagttca tcctcacaga tgaggaggtg 300

cagcgtaagc gagagatgat catgaagagg aaggaggaag aggccttgaa ggacagtctg 360

aggcccaagc tgtctgagga gcaacagcac attatcgcca tcctgctcga tgcccaccac 420

aagacctacg accccaccta tgccgacttc cgggacttcc ggcctccaat tcgtgcagac 480

gtaagtacag ggagcttattc tccaaggccc acactcagct tctccggaga ctccctccat 540

aactctgatc tgtacaccccc ctcactggac atgatggaac cggccagctt ttccacgatg 600

gatctgaatg aagaaggctc cgatgacccc tctgtgaccc tggacctgtc tccgctctcc 660

atgctgcccc acctggctga tcttgtcagt tacagcatcc aaaaggtcat cggctttgcc 720

aagatgatcc ctggcttcag ggacctcacc tctgatgacc agattgtcct gcttaagtca 780

agtgccattg aggtgatcat gttgcgtcc aaccagtctt ttaccttgg a t g a c a t g t c c 840

tgggactgtg gcagccaaga ctacaaatat gacatcactg atgtctccag agctggcac 900

accctggagc tgatcgaacc ctcataaag ttccaggtgg ggctgaagaa gctgaacctc 960

catgaggaag aacatgtgct gtcatggcc atctgcattt g t c t c c c a g a c c g a c c t g g g 1020

gtacaggatg ctaagctgg tgaagccatt caggaccgcc tatccaacac actgcagacc 1080
tacatccgct gccgccaccc gcccccccggc agccaccagc tctacgcaa gatgatccag 1140
aagctggctg acctgcgaag cctcaatgag gagcactcca aacagtaccg ttccctctcc 1200
ttccagccgg agaacagcat gaagctcaca ccccttgtgc tagaggtgtt cggcaatgag 1260
atctcctga 1269

<210> 17
<211> 2079
<212> PRT
<213> Nucleotide sequence of HRt corresponding to the amino acid residue of the C-terminal portion of HR protein

<400> 17

Gly Thr Thr Ala Cys Cys Cys Ala Gly Thr Gly Cys Cys Ala Ala Ala
1 5 10 15

Gly Cys Thr Gly Thr Gly Cys Cys Ala Gly Gly Cys Ala Gly Cys
20 25 30

Thr Gly Gly Ala Gly Ala Gly Gly Thr Ala Gly Gly Gly Thr Ala
35 40 45

Cys Thr Gly Ala Cys Cys Gly Gly Cys Cys Ala Cys Thr Cys Cys Cys
50 55 60

Ala Gly Ala Ala Ala Thr Cys Ala Cys Gly Thr Ala Gly Gly Thr Cys
65 70 75 80